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Term:	<input base-line")="" compar\$)"="" edition)="" or="" type="text" value="L16 and (((baseline\$ or " version="" with=""/> <div style="float: right; margin-top: -20px;"> <input type="button" value="Search"/> <input type="button" value="Clear"/> <input type="button" value="Interrupt"/> </div>
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<u>L16</u> L16 and (((baseline\$ or "base-line") or version or edition) with compar\$)	1 <u>L18</u>	
<u>L17</u> L16 and (((baseline\$ or "base-line") or version or edition) with compar\$ with data)	0 <u>L17</u>	
<u>L16</u> l13 or l14 or l15	174 <u>L16</u>	
DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L15</u> ("4723518" "4775119" "4902359" "4763285" "5937081" "5132357" "4828584")[URPN]	114 <u>L15</u>	
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L14</u> l12	7 <u>L14</u>	
DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
(2240202 4424953 4695329 4644988 4157923 4914147 1507293 3602463 4034940 4115755 3768761 4505988 3087694 2380372 3016218 3087696 4732927 4104505 4169568 2992798 2881750 3757371 2456272 3107370 4146379 4539585 4162301 4300200		

	2469037 4382283 1448918 3690604 4491258 4256496 4871794	
<u>L13</u>	2280660 3773504 3436037 4126652 4214685 4671491 4154277	53 <u>L13</u>
	2318673 4703079 3519223 2222903 3963525 2600529 4261012	
	4908481 2399468 4258421 2114301)![PN]	
<u>L12</u>	("4723518" "4775119" "4902359" "4763285" "5937081" "5132357" "4828584")![PN]	7 <u>L12</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR</i>		
<u>L11</u>	@aD<=20031003 AND (accept\$ with test\$) and (((engine\$ or aircraft\$ or vehicle\$ or component\$ or accessory\$) near7 (wear\$ or worn\$)) with (base\$ with compar\$ with data))	0 <u>L11</u>
<u>L10</u>	L9 not l6	0 <u>L10</u>
<u>L9</u>	l7 or L8	7 <u>L9</u>
<u>L8</u>	@aD<=20031003 AND (accept\$ with test\$) and (((engine\$ or aircraft\$ or vehicle\$ or component\$ or accessory\$) near3 (wear\$ or worn\$)) with compar\$)	7 <u>L8</u>
<u>L7</u>	@pD<=20031003 AND (accept\$ with test\$) and (((engine\$ or aircraft\$ or vehicle\$ or component\$ or accessory\$) near3 (wear\$ or worn\$)) with compar\$)	4 <u>L7</u>
<u>L6</u>	l4 or L5	7 <u>L6</u>
<u>L5</u>	@pD<=20031003 AND (accept\$ with test\$) and (((engine\$ or aircraft\$ or vehicle\$ or component\$ or accessory\$) near3 (wear\$ or worn\$)) with compar\$)	4 <u>L5</u>
<i>DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR</i>		
<u>L4</u>	@pD<=20031003 AND (accept\$ with test\$) and (((engine\$ or aircraft\$ or vehicle\$ or component\$ or accessory\$) near3 (wear\$ or worn\$)) with compar\$)	7 <u>L4</u>
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<u>L3</u>	@pD<=20031003 AND (accept\$ with test\$) and (((engine\$ or aircraft\$ or vehicle\$ or component\$ or accessory\$) adj2 (wear\$ or worn\$)) with compar\$)	1 <u>L3</u>
<u>L2</u>	@AD<=20031003 AND (accept\$ with test\$) and (((engine\$ or aircraft\$ or vehicle\$ or component\$ or accessory\$) adj2 (wear\$ or worn\$)) with compar\$)	1 <u>L2</u>
<u>L1</u>	@AD<=20031003 AND (((engine\$ or aircraft\$ or vehicle\$ or component\$ or accessory\$) adj2 (wear\$ or worn\$)) with compar\$)	177 <u>L1</u>

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```
((accept* <sentence> test*) <and> (((engine* <or> aircraft* <or>  
vehicle* <or> component* or accessory*) <sentence>(wear*  
<or> worn*)) <sentence> (baseline* <sentence> compar*)<in>  
pdfdata) <and> (pyr >= 1950 <and> pyr <= 2003)
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#2

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((accept* <sentence> test*) <and> (((engine* <or> aircraft* <or>  
vehicle* <or> component* or accessory*) <sentence>(wear*  
<or> worn*)) <sentence> (~base-line~~ <sentence> compar*)<in>  
pdfdata) <and> (pyr >= 1950 <and> pyr <= 2007)
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#3

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vehicle* <or> component* or accessory*) <sentence>(wear*  
<or> worn*)) <sentence> ((version* <or> edition*) <sentence>  
compar*)<in> pdfdata) <and> (pyr >= 1950 <and> pyr <= 2007)
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#4

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#5

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vehicle* <or> component* or accessory*) <sentence>(wear*  
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pdfdata) <and> (pyr >= 1950 <and> pyr <= 2007)
```

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#1 ((accept* <sentence> test*) <and> (((engine* <or> aircraft* <or> vehicle* <or> component* or accessory*) <sentence>(wear* <or> worn*)) <sentence> (baseline* <sentence> compar*))<in> pdfdata) <and> (pyr >= 1950 <and> pyr <= 2003)

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#3 ((accept* <sentence> test*) <and> (((engine* <or> aircraft* <or> vehicle* <or> component* or accessory*) <sentence>(wear* <or> worn*)) <sentence> ((version* <or> edition*) <sentence> compar*))<in> pdfdata) <and> (pyr >= 1950 <and> pyr <= 2007)

#4 ((accept* <sentence> test*) <and> (((engine* <or> aircraft* <or> vehicle* <or> component* or accessory*) <sentence>(wear* <or> worn*)) <sentence> ((version* <or> edition*) <sentence> compar*))<in> pdfdata) <and> (pyr >= 1950 <and> pyr <= 2007)

#5 ((accept* <sentence> test*) <and> (((engine* <or> aircraft* <or> vehicle* <or> component* or accessory*) <sentence>(wear* <or> worn*)) <sentence> (~~base-line~~ <sentence> compar*)) <in> pdfdata) <and> (pyr >= 1950 <and> pyr <= 2007)

#6 ((accept* <sentence> test*) <and> (((engine* <or> aircraft* <or> vehicle* <or> component* or accessory*) <sentence>(wear* <or> worn*)) <sentence> (~~base-line~~ <sentence> compar*)) <in> pdfdata) <and> (pyr >= 1950 <and> pyr <= 2007)

#7 (((engine* <or> aircraft* <or> vehicle* <or> component* or accessory*) <sentence>(wear* <or> worn*)) <sentence> (baseline* <sentence> compar*))<in> pdfdata) <and> (pyr >= 1950 <and> pyr <= 2007)

#8 (((engine* <or> aircraft* <or> vehicle* <or> component* or accessory*) <sentence>(wear* <or> worn*)) <sentence> (~~base-line~~ <or> edition* <or> version*) <sentence> compar*))<in> pdfdata) <and> (pyr >= 1950 <and> pyr <= 2007)

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A

L6: Entry 6 of 7

File: USPT

Aug 9, 1988

US-PAT-NO: 4763285

DOCUMENT-IDENTIFIER: US 4763285 A

TITLE: Helicopter low-g monitor, recorder and warning system

DATE-ISSUED: August 9, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Moore; M. Samuel	Northridge	CA		
Paluka; Charles F.	Northridge	CA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Semco Instruments, Inc.	Valencia	CA			02

APPL-NO: 06/897994 [PALM]

DATE FILED: August 19, 1986

PARENT-CASE:

RELATED APPLICATIONS This patent application is a continuation-in-part of U.S. patent application Ser. No. 784,724, filed Oct. 4, 1985.

INT-CL-ISSUED: [04] G06G 7/48, G08B 23/00, G01C 21/00

INT-CL-CURRENT:

TYPE IPC	DATE
CIPS G07 C 3/00	20060101
CIPS F02 C 9/00	20060101
CIPS G01 D 21/02	20060101

US-CL-ISSUED: 364/551; 364/424, 73/178H, 340/963

US-CL-CURRENT: 701/14; 340/963, 73/178H

FIELD-OF-CLASSIFICATION-SEARCH: 340/946, 340/963, 73/178H, 360/5, 244/17.13, 364/424, 364/424.1, 364/426, 364/551

See application file for complete search history.

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>4115755</u>	September 1978	Cotton	364/426
<input type="checkbox"/>	<u>4258421</u>	March 1981	Juhasz et al.	364/424
<input type="checkbox"/>	<u>4300200</u>	November 1981	Doe	364/424.1
<input type="checkbox"/>	<u>4382283</u>	April 1983	Clelford et al.	364/424

ART-UNIT: 234

PRIMARY-EXAMINER: Lall; Parshotam S.

ASSISTANT-EXAMINER: Ramirez; Ellis B.

ATTY-AGENT-FIRM: Poms, Smith, Lande & Rose

ABSTRACT:

When helicopters are accomplishing certain special maneuvers such as powered descent, or the like involving low "g" conditions, the helicopter blades may teeter excessively with respect to the ~~the mast~~, and under severe conditions, the mast may shear. To sense such low "g" conditions, which may be dangerous, an accelerometer is mounted on the helicopter frame close to the center of gravity of the helicopter and is coupled to data processing circuitry which classifies the low-g conditions in bands or levels of severity, recording the duration of exceedances in which the low-g conditions are below predetermined levels, and issues warning signals to the helicopter pilot through the helicopter intercom system and a suitable warning light.

19 Claims, 31 Drawing figures

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Your result set for the last L# is incomplete.

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Terms	Documents
L16 and (((baseline\$ or "base-line") or version or edition) with compar\$)	1

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Search: L18

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side by side		
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L18</u> L16 and (((baseline\$ or "base-line") or version or edition) with compar\$)	1	<u>L18</u>
<u>L17</u> L16 and (((baseline\$ or "base-line") or version or edition) with compar\$ with data)	0	<u>L17</u>
<u>L16</u> l13 or l14 or l15	174	<u>L16</u>
DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L15</u> ("4723518" "4775119" "4902359" "4763285" "5937081" "5132357" "4828584")[URPN]	114	<u>L15</u>
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L14</u> l12	7	<u>L14</u>

DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

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L13 3757371 | 2456272 | 3107370 | 4146379 | 4539585 | 4162301 | 4300200 | 53 L13
2469037 | 4382283 | 1448918 | 3690604 | 4491258 | 4256496 | 4871794 |
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4908481 | 2399468 | 4258421 | 2114301)! [PN]
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"4828584") [PN]

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES;
OP=OR*

@aD<=20031003 AND (accept\$ with test\$) and (((engine\$ or aircraft\$ or
L11 vehicle\$ or component\$ or accessory\$) near7 (wear\$ or worn\$)) with (base\$ with 0 L11
compar\$ with data))
L10 L9 not l6 0 L10
L9 l7 or L8 7 L9
L8 @aD<=20031003 AND (accept\$ with test\$) and (((engine\$ or aircraft\$ or 7 L8
vehicle\$ or component\$ or accessory\$) near3 (wear\$ or worn\$)) with compar\$)
L7 @pD<=20031003 AND (accept\$ with test\$) and (((engine\$ or aircraft\$ or 4 L7
vehicle\$ or component\$ or accessory\$) near3 (wear\$ or worn\$)) with compar\$)
L6 l4 or L5 7 L6
L5 @pD<=20031003 AND (accept\$ with test\$) and ((engine\$ or aircraft\$ or 4 L5
vehicle\$ or component\$ or accessory\$) near3 (wear\$ or worn\$) with compar\$)

DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

L4 @pD<=20031003 AND (accept\$ with test\$) and ((engine\$ or aircraft\$ or 7 L4
vehicle\$ or component\$ or accessory\$) near3 (wear\$ or worn\$) with compar\$)

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES;
OP=OR*

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vehicle\$ or component\$ or accessory\$) adj2 (wear\$ or worn\$) with compar\$)
L2 @AD<=20031003 AND (accept\$ with test\$) and ((engine\$ or aircraft\$ or 1 L2
vehicle\$ or component\$ or accessory\$) adj2 (wear\$ or worn\$) with compar\$)
L1 @AD<=20031003 AND ((engine\$ or aircraft\$ or vehicle\$ or component\$ or 177 L1
accessory\$) adj2 (wear\$ or worn\$) with compar\$)

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